What is claimed is:

1. An organic electroluminescent display comprising:

a transparent substrate,

an organic light emitting layer which is formed on a back surface side of the transparent substrate,

electric current supply means which makes an electric current flow through the organic light emitting layer,

a housing which covers at least the organic light emitting layer and is sealed to the transparent substrate, and

heat radiation material in a liquid form which is filled in a space formed between the housing and the transparent substrate.

2. An organic electroluminescent display according to claim 1, wherein the housing is formed of metal.

3. An organic electroluminescent display according to claim 1, wherein the heat radiation material in a liquid form is silicone oil.

4. An organic electroluminescent display according to claim 1, wherein water which is contained in the heat radiation material as impurity amounts to not more than 100 ppm by weight ratio.

5. An organic electroluminescent display comprising:

a transparent substrate,

first electrodes which are extended in the x direction and are arranged in parallel in the y direction on a display region at a back surface side of the transparent substrate,

an organic light emitting layer which is formed on the display region such that the organic light emitting layer also covers the first electrodes,

second electrodes which are extended in the y direction and are arranged in parallel in the x direction on a surface of the organic light emitting layer,

a metal housing which covers at least the organic light emitting layer and is sealed to the transparent substrate, and

a non-conducting liquid which is filled in a space formed between the housing and the transparent substrate.

6. An organic electroluminescent display according to claim 5, wherein the first electrodes are formed such that one ends thereof are extended and reach the outside of the housing and the second electrodes are formed such that one ends thereof are extended and reach the outside of the housing.

7. An organic electroluminescent display according to claim 5, wherein water which is contained in the non-conducting liquid as impurity amounts to not more than 100 ppm by weight ratio.